

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| S1    | 97298 | "84"/\$.ccls. or "381"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/12/09 10:11 |
| S2    | 908   | (84/609).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/12/08 16:13 |
| S3    | 1783  | ((84/609,622) or (446/408)).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/12/09 14:40 |
| S4    | 661   | (signal or event or indicat\$3 or command) with note adj (on or off)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/09 10:42 |
| S5    | 10    | S4 and (note adj (on or off) same (add\$3 or delet\$3 or remov\$3 or addition or insert\$3) with note with list)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/09 14:31 |
| S6    | 1     | ("2004/0099125").URPN.   | USPAT   | OR               | OFF     | 2005/12/08 16:19 |
| S7    | 8     | S4 and (note adj (on or off) same (add\$3 or delet\$3 or remov\$3 or addition or insert\$3) with note with series) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/08 16:21 |
| S8    | 125   | S4 and (note adj (on or off) same (add\$3 or delet\$3 or remov\$3 or addition or insert\$3) with note)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/08 16:22 |
| S10   | 125   | S8 and ((number or count or how adj many) note)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/12/08 16:24 |

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S11 | 5   | S10 and (table or look adj up) same channel and synthesiz\$3           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/08 16:38 |
| S12 | 4   | ("5744740").URPN.  | USPAT   | OR | OFF | 2005/12/08 16:32 |
| S13 | 3   | ("5278348"   "5298675"   "5471008").PN.                                | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/12/08 16:33 |
| S14 | 13  | S10 and (table or look adj up) same channel with note                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/08 16:41 |
| S15 | 4   | S10 and channel with note with synthesiz\$3                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/08 16:49 |
| S16 | 1   | S10 and supplemental with note   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/08 16:46 |
| S17 | 2   | S4 and supplemental with note  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/08 16:46 |
| S18 | 412 | channel with note same (supplemental or extra or additional) with note | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/08 16:48 |
| S19 | 78  | S1 and S18   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/08 16:48 |
| S20 | 17  | S4 and S19   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/08 16:48 |

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S21 | 4  | S20 and channel with note with synthesiz\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/08 16:52 |
| S22 | 1  | orchestral near5 algorithm                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/08 16:51 |
| S23 | 3  | orchestral near5 (table or look adj up)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/08 16:52 |
| S24 | 14 | orchestr\$3 near5 (table or look adj up)    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/08 16:52 |
| S25 | 2  | S24 and channel with note with synthesiz\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/08 16:55 |
| S26 | 2  | S24 and note with synthesiz\$3              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/08 16:53 |
| S27 | 2  | S24 and channel with note                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/08 16:53 |
| S28 | 3  | S24 and channel with synthesiz\$3           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/08 16:54 |

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S29 | 1393 | (top or bottom) with weight\$3 same note          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/08 16:55 |
| S30 | 1    | S4 and S29  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/08 16:55 |
| S31 | 26   | S1 and S29  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/08 16:55 |
| S32 | 1    | S29 and channel with note with synthesiz\$3       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/08 16:56 |
| S33 | 34   | S29 and channel with note                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/08 16:56 |
| S35 | 2    | (note with assign\$4 with synthesizer).ti.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 10:15 |
| S36 | 12   | (note with synthesizer).ti.                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 10:38 |
| S37 | 6    | assign\$4 with note with channel with synthesizer | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 10:47 |

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S38 | 35  | ("0197648"   "2253782"   "2557690"<br>  "2611291"   "4442486"  <br>"4454594"   "4462076"   "4644840"<br>  "4658695"   "4686880"  <br>"4748887"   "4771671"   "4777857"<br>  "4794838"   "5005461"  <br>"5009145"   "5062097"   "5074182"<br>  "5092216"   "5099738"  <br>"5111727"   "5138925"   "5140887"<br>  "5208421"   "5262583"  <br>"5262584"   "5278346"   "5313011"<br>  "5453569"   "5466882"  <br>"Re32862").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/12/09 10:41 |
| S39 | 661 | (signal or event or indicat\$3 or<br>command) with note adj (on or off)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 10:42 |
| S40 | 3   | S38 and S39   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 10:42 |
| S41 | 0   | S40 and channel with synthesizer  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 10:45 |
| S42 | 3   | ("5773742").URPN.   | USPAT   | OR | OFF | 2005/12/09 10:46 |
| S43 | 4   | map\$4 with note with channel with<br>(synthesizer or mixer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 11:09 |
| S44 | 9   | note adj on near5 (list or sequence)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 11:23 |
| S45 | 9   | S44 and (add\$3 or delet\$3 or<br>remov\$3) with note with (list or<br>sequence)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 11:15 |

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S46 | 391 | note adj (on or off) near5 event   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 11:15 |
| S47 | 142 | S46 and (add\$3 or delet\$3 or remov\$3 or mapping) with note  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 11:15 |
| S48 | 23  | S46 and (add\$3 or delet\$3 or remov\$3 or mapping) with note with (list or sequence)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 11:16 |
| S49 | 74  | note adj (on or off or adding or delet\$3 or addition or remov\$3) near4 event with (list or sequence or group or set) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 11:24 |
| S50 | 34  | note adj (on or off or adding or delet\$3 or addition or remov\$3) near4 event with (list or sequence or group)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 11:30 |
| S51 | 0   | S50 and (synthesizer with channel)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 11:30 |
| S52 | 2   | S50 and (synthesi\$3 with channel)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 11:30 |
| S53 | 11  | (synthesi\$3 or mixer) with channel with note with (assign\$4 or allocat\$3 or mapping)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 14:30 |

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S54 | 180 | (synthesi\$3 or mixer) with channel with note  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 14:30 |
| S55 | 7   | S54 and (note adj (on or off)) same note with (list ot sequence or series or group)    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 14:44 |
| S56 | 468 | (84/645).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/09 14:41 |
| S57 | 7   | S56 and (synthes\$4 or mixer) with note with channel                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/09 14:41 |
| S58 | 4   | S54 and (note adj (on or off)) same (event) with (list ot sequence or series or group) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 15:49 |
| S59 | 0   | (event near4 group) with note adj on with note adj off                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 15:49 |
| S60 | 8   | (event near4 group) with note adj on same note adj off                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 15:50 |
| S61 | 0   | (event near4 list) with note adj on same note adj off                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 15:50 |

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S62 | 8     | (note adj on near4 list) with note adj on same note adj off | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 15:51 |
| S63 | 0     | (sequence) with note adj on same note adj off               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 15:51 |
| S64 | 8     | (group) with note adj on same note adj off                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 15:51 |
| S65 | 8     | (list) with note adj on same note adj off                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 15:52 |
| S66 | 0     | (series) with note adj on same note adj off                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 15:52 |
| S67 | 8     | (collection) with note adj on same note adj off             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 15:57 |
| S68 | 4     | additive near5 polyphon\$3                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 16:03 |
| S69 | 24330 | top near4 weight\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 16:04 |



|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S70 | 2901  | top near4 weight\$3 same bottom<br>near4 weight\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 16:04 |
| S71 | 97298 | "84"/\$.ccls. or "381"/\$.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/09 16:04 |
| S72 | 13    | S71 and S70  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 16:11 |
| S73 | 18    | hard adj note                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 16:11 |
| S74 | 1     | S54 and note adj on                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 16:12 |
| S75 | 0     | S73 and note adj on                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 16:13 |
| S76 | 0     | S73 and note on                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 16:15 |
| S77 | 0     | hard near4 attack near5 note with<br>note adj on   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/09 16:16 |

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S78 | 0    | hard near4 attack with note adj on                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 16:17 |
| S79 | 634  | hard near4 attack  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 16:18 |
| S80 | 185  | S79 and note   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 16:18 |
| S81 | 0    | S79 and note adj on  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 16:18 |
| S82 | 4    | hard near4 attack with note                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 17:05 |
| S83 | 7278 | note near5 count\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 17:05 |
| S84 | 229  | S71 and S83 and synthesi\$4                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 17:06 |
| S85 | 55   | S71 and S83 and (synthesi\$4 or<br>player or mixer) with channel | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 17:45 |

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S86 | 14  | S85 and (allocat\$3 or assign\$4 or mappping) with (table or look adj up)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 17:08 |
| S87 | 52  | S83 and (synthesi\$4 or player or mixer) with channel and number near3 notes               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 17:46 |
| S88 | 23  | S83 and (synthesi\$4 or player or mixer) with channel and number near3 notes with count\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 17:49 |
| S89 | 1   | (synthesi\$4 or player or mixer) with channel and channel with comparision with count\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 17:58 |
| S90 | 565 | (synthesi\$4 or player or mixer) with channel and channel with number with count\$3        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 17:57 |
| S91 | 214 | supplemental near4 note  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 17:57 |
| S92 | 13  | S71 and S91  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 17:57 |
| S93 | 4   | (synthesi\$4 or player or mixer) with channel and S92                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/09 17:58 |